

STEREO MOC Status Report
Time Period: 2012:324 - 2012:330

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 329, during the DSS-15 support, initial telemetry lock was established late at 1347z due to a high system temperature and no band pass on the X-TWM receiver. A switch to the X-HEMT receiver resolved the problem. SSR pointers were repositioned to minimize data loss and all SSR data was recovered. See DR #G113414 for more information.
- On day 330, during the DSS-55 support, turbo decoder lock was lost briefly at 0752z. This anomaly resulted in the loss of one frame of SSR data. See DR #N108542 for more information.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Ahead was 4.2 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 326, during the DSS-65 support, turbo decoder lock was lost intermittently beginning at 1050z through 1102z. This anomaly resulted in the loss of three frames of SSR data. See DR# N108538 for more information.
- On day 328, during the DSS-15 support, turbo decoder lock was lost briefly at 2001z. This anomaly resulted in the loss of one frame of SSR data. See DR# N108541 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 325, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 1312z for 0.3 hours. The primary cause was the accumulated shortage of track time throughout the week.

- On day 326, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 1750z for 6.2 hours. The primary cause was the accumulated shortage of track time throughout the week.

- On day 327, the SSR science partitions filled as follows:

SWAVES (Part 13) remained 100% full at 0000z for 19.7 hours. The primary cause was the accumulated shortage of track time throughout the week.

- On day 328, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 0755z for 11.6 hours. IMPACT (Part 15) reached 95% full at 1339z for 6.0 hours. PLASTIC (Part 17) reached 95% full at 1531z for 4.0 hours. The primary cause was the accumulated shortage of track time throughout the week.

- On day 329, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 0956z for 3.3 hours. IMPACT (Part 15) reached 95% full at 1059z for 2.3 hours. PLASTIC (Part 17) reached 95% full at 1142z for 1.6 hours. SECCHI (Part 19) reached 100% full at 1011z for 3.0 hours. The primary cause was the accumulated shortage of track time throughout the week.

- The average daily SSR playback volume for Behind was 3.1 Gbits during this week.